LCD TV
User`s Manual

15PF5120
20PF5120

English
Français
Español
Português

Thank yau far chaasing Philips.

Need help fast?

Read yaur user Manual and/ar Quick-Use Guide first far quick tips that make using yaur Philips praduct mare enjayable.
If yau have read yaur instructians and still need assistance, yau may access aur anline help at
www.usasupport.philips.com
or
call 1-888-PHILIPS (744-5477)
while with your product
(and Model / Serial number)

Model No.: _____
Serial No.: _____

PHILIPS

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RETURN YOUR PRODUCT REGISTRATION CARD TODAY
TO GET THE VERY MOST FROM YOUR PURCHASE.

Registering your model with PHILIPS makes you eligible for all of the valuable benefits listed below, so don't miss out. Complete and return your Product Registration Card at once to ensure:

*Proof of Purchase
Returning the enclosed card guarantees that your date of purchase will be on file, so no additional paperwork will be required from you to obtain warranty service.

*Product Safety Notification
By registering your product, you'll receive notification - directly from the manufacturer - in the rare case of a product recall or safety defect.

*Additional Benefits of Product Ownership
Registering your product guarantees that you'll receive all of the privileges to which you're entitled, including special money-saving offers.

PHILIPS

Congratulations on your purchase, and welcome to the "family!"

Dear PHILIPS product owner:
Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. We'll do everything in our power to keep you happy with your purchase for many years to come.
As a member of the PHILIPS "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry. What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.
Most importantly, you can count on our uncompromising commitment to your total satisfaction.
All of this is our way of saying welcome - and thanks for investing in a PHILIPS product.

P.S. To get the most from your PHILIPS purchase, be sure to complete and return your Warranty Registration at once.

Know these **safety** symbols

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

For Customer Use
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.
Model No._____
Serial No. _____

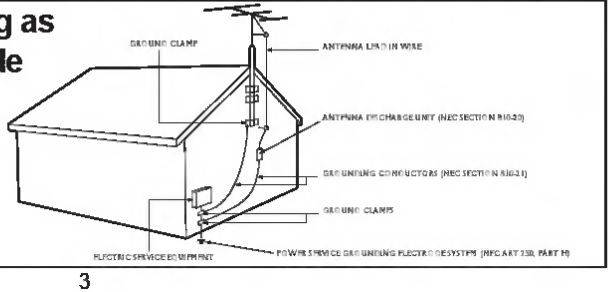
IMPORTANT SAFETY INSTRUCTIONS

READ BEFORE OPERATING EQUIPMENT

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org
16. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged;
    B. Objects have fallen, or liquid has been spilled into the appliance;
    C. The appliance has been exposed to rain
    D. The appliance does not appear to operate normally or exhibits a marked change in performance;
    E. The appliance has been dropped, or the enclosure damaged.
17. **Tilt/Stability** - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
    • Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
    • Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
18. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
19. **Power Lines** - An outdoor antenna should be located away from power lines.
20. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
    Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure below.
21. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
22. **Battery Usage CAUTION** - To prevent battery leakage that may result in bodily injury, property damage, or damage to the unit:
    • Install all batteries correctly, with + and - aligned as marked on the unit.
    • Do not mix batteries (old and new or carbon and alkaline, etc.).
    • Remove batteries when the unit is not used for a long time.

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Example of Antenna Grounding as per NEC - National Electric Code



AOOITIONAL SAFETY PRECAUTIONS

- *ENSURE that LCO TV stand is tightened properly to the set (See Quick Guide on the right woy of tightening of the screw of the stand to the set. Improper tightening of screw may render the set unsafe.*
- *If LCO TV is installed on the wall, installation should be carried out by qualified servicemen. Improperor incorrect installation may render the set unsafe.*
- *Oisconnect mains plug when :*
  - *— cleaning the TV screen, never use abrasive cleaning agents.*
  - *— there is a lightning storm.*
  - *— the set is left unattended for a prolonged period of time.*
- *Oo not shift or move the LCO TV around when it is powered on.*
- *Oo not touch, push or rub the surface of the LCO screen with any sharp or hard objects.*
- *When the surface of the LCO screen becomes dusty, wipe it gently with an absorbent cotton cloth or other soft material like chomois. OO NOTUSE acetone, toluene or alcohol to clean the surface of the screen. These chemicals will couse damage to the surface.*
- *Wipe off woter, or saliva as soon as possible. These liquids can cause deformotion ond color fading of the LCO screen when left exposed for some time.*
- *Be careful of condensotion when temperature changes occur. Condensation con cause domage to the LCO screen and electricolly parts. After condensation fades, spots or blemishes will be present on the LCO screen.*
- *CAUTION informotion is located on the inside of the VESA cover (see diagram below). To read information, open the VESA cover.*

POSITIONING THE LCO TELEVISON

- *Ploce the LCO TV on a solid, sturdy base or stand. Be sure the stand is strong enough to handle the weight of the LCO TV.*
- *Try to leave at least 6 of spoce around each side of the LCO TV cabinet to ollow for proper ventilation.*
- *Oo not place the LCO TV near a radiator or other sources of heat.*
- *Oo not place the LCO TV where it can be exposed to roin or excessive moisture.*

RECYCLING PROCEOURE/ENO OF LIFE OISPOSAL

- *To minimize horm to the environment, the batteries supplied with the LCO TV do not contain mercury or nickel cadmium. If possible, when disposing of botteries, use recycling means avoilable in your orea.*
- *The LCO TV uses materials thot con be recycled. To minimize the amount of waste in the environment, check your area for componies that will recover used televisions for dismantling and collection of reusable moterials, or contact your deoler for TV recycling tips.*
- *Please dispose of the carton and packing material through the proper woste disposol monagement in your area.*

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Here are a few of the special features of your new LCD TV.

Audio/Video In Jacks: Use to quickly connect other equipment to your LCD TV.

Automatic Channel Programming (Auto Program): Quick and easy setup of available channels.

Closed Captioning: Allows the viewer to read TV program dialog or voice conversations as on-screen text.

On-screen Menus: Helpful messages (in English, Spanish, French or Portuguese) for setting TV controls.

Remote Control: Works your LCD TV features.

Sleep Timer: Turns off the LCD TV within an amount of time you specify (15-240 minutes from the current time).

AutoLock: Lets you block viewing of certain TV channels if you do not want your children viewing inappropriate material.

Standard broadcast (VHF/UHF) or **Cable TV channel** capability.

Stereo capability: Includes a built-in amplifier and twin-speaker system, allowing reception of TV programs broadcast in stereo.

Treble, Bass, and Balance: Enhance the LCD TV's sound.

NOTE: This manual covers different versions and models. Not all features described in this manual will match those of your LCD TV. This is normal and does not require you contacting your dealer or requesting service.

END-OF-LIFE DISPOSAL

Your new LCD TV and its packaging contain materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and minimize the amounts that need to be properly disposed.

Your product also uses batteries that should not be thrown away when depleted, but should be handed in and disposed off as small chemical waste.

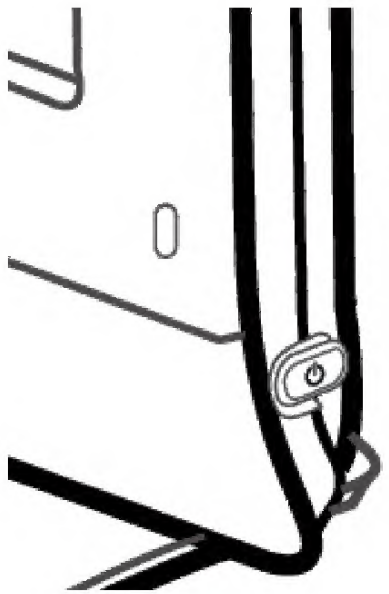
When you replace your existing equipment, please find out about the local regulations regarding disposal of your old television, batteries, and packing materials.

Addendum Sheet -

Please refer to the following update reference information in connection to the use and operation of your TV's POWER button (as located on the side of the TV cabinet).

This TV can be in three modes of operation:

OFF - No LED lit on front of TV. Remote transmitter will not operate the TV.
STANDBY - Red LED lit on front of TV. Remote transmitter will operate the TV.
ON - Green LED lit on front of TV. Remote transmitter will operate the TV.



When POWER is pressed on the side of the TV to turn the TV OFF, the TV remembers the state it is in (either STANDBY or ON), then the TV powers OFF.
When POWER is pressed on the side of the TV again to turn the TV ON, the TV returns to either STANDBY or ON.

There must be either a red LED or a green LED displayed on the front of the TV before the remote transmitter will operate the TV.

Trouble Shooting Tips

As additional information to the Power button tips and notes included on page 31 of the User Manual.

Remote does not work:
- Television will not power on using the remote control.
- The remote transmitter will not operate the TV when the TV is in the OFF mode (No LED lit on front control panel).
- To change the mode from OFF to STANDBY or ON, Press POWER on the side of the TV. Once the POWER is pressed on the TV, the LED will change to either red to indicate STANDBY or green to indicate ON, whichever mode the TV was in prior to being turned off with the TV power button.

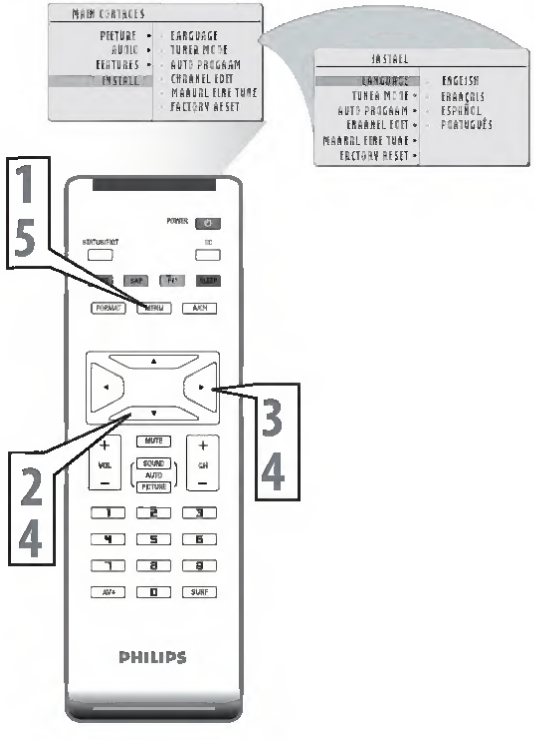
No Power:
- Television will not power on after pressing the power button on the side of the unit.
- By pressing POWER on the side of the TV, the mode will toggle from OFF to either STANDBY or ON.
- If POWER is pressed and the LED on the front control panel is red, the TV is in STANDBY mode and will need to be turned on using the remote transmitter.
- If POWER is pressed and the LED on the front control panel is green, the TV is ON.

Installation

When operate INSTALL function, the access code window will appear on the screen. Press default code (0711) or your personal code setting to enter this menu.

Language Settings

For English, French, Spanish or Portuguese - speaking TV owners, an onscreen LANGUAGE option is present. The LANGUAGE control enables you to set the TV's onscreen menu to be shown in either English, French, Spanish or Portuguese.

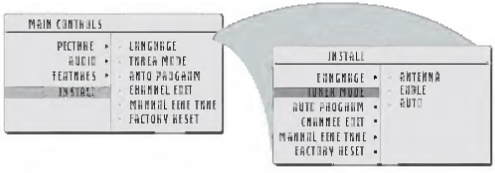


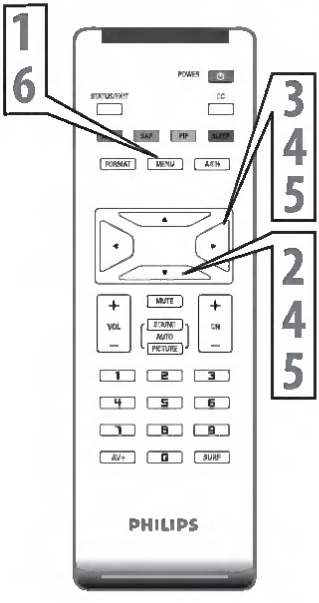
1. Press the MENU button on the remote control to open the onscreen menu.
2. Press the CURSOR DOWN button to highlight the INSTALL menu.
3. Press the CURSOR RIGHT button to Highlight LANGUAGE.
4. Press the CURSOR RIGHT button to enter LANGUAGE. Press CURSOR DOWN button to select English, French, Spanish or Portuguese, then press the CURSOR RIGHT to confirm.
5. Press the MENU button repeatedly to clear the menu from the screen.

Helpful Hint

Remember, the LANGUAGE control makes only the TV's onscreen MENU items appear in English, French, Spanish or Portuguese text. It does not change the other onscreen text features, such as Closed Captioning (CC), with TV shows.

The Tuner Mode allows you to change the LCD TV's signal input to Cable or Air (antenna). It's important for the LCD TV to know if you want to receive channels from a cable TV signal or an antenna signal.





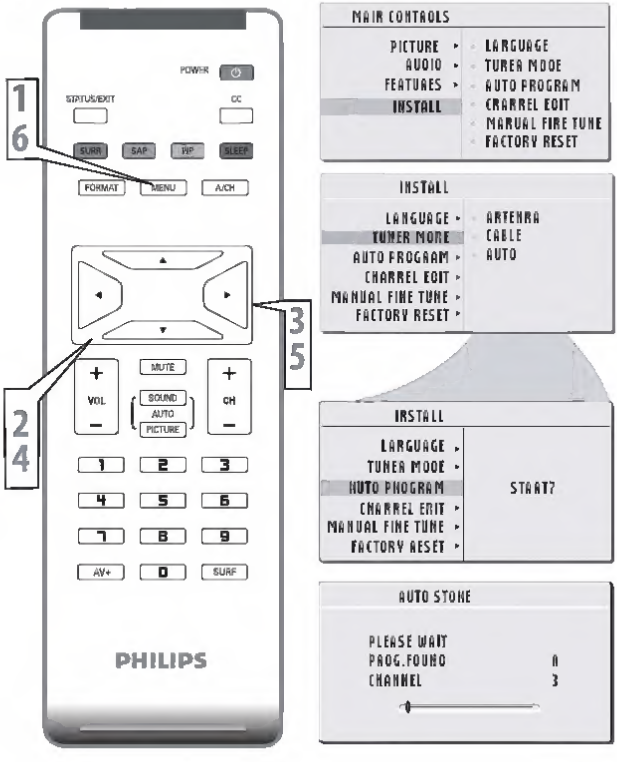
1. Press the Menu button to see the onscreen menu.
2. Press the CURSOR DOWN button to highlight the INSTALL menu.
3. Press the CURSOR RIGHT button to enter the INSTALL menu.
4. Press the CURSOR DOWN button to highlight the TUNER MODE menu, then press CURSOR RIGHT to confirm.
5. Press the CURSOR DOWN buttons to select CABLE, ANTENNA, or AUTO, then press CURSOR RIGHT to confirm.
6. Press the MENU button repeatedly to clear the menu from the screen.

HELPFUL HINT

- When CABLE is selected, channels 2-125 are available.
- When ANTENNA is selected, channels 2-69 are available.
- When AUTO is selected, your LCD TV will search automatically for antenna or cable channels.
- Immediately after unpacking and plugging in your new television, run the AUTO PROGRAM function to set up the TV for the broadcast or cable channels available in your area. If you do not run the auto program function to set up the channels, your television may not operate properly.

Your LCD TV can automatically set itself for local area (or cable TV) channels. This makes it easy for you to select only the TV stations in your area by pressing the CH (+) or CH (-) button.

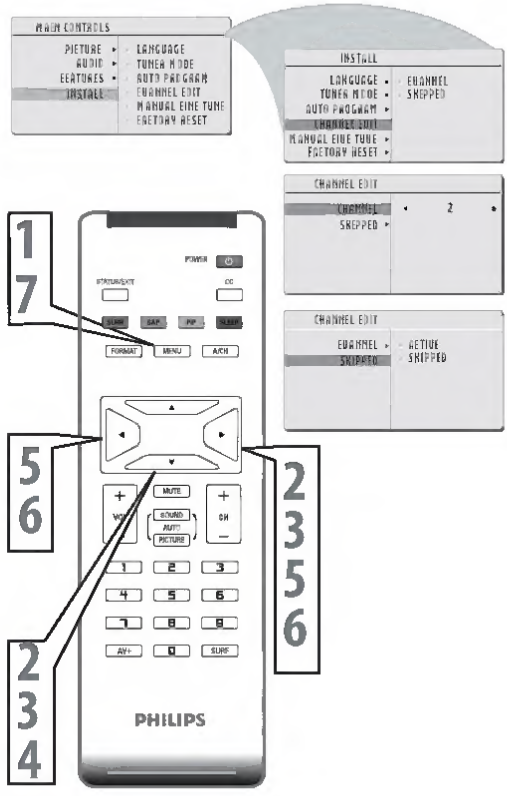
1. Press the MENU button on the remote control to show the onscreen menu.
2. Press the CURSOR DOWN button to highlight the INSTALL menu.
3. Press the CURSOR RIGHT button to enter the INSTALL menu.
4. Press the CURSOR DOWN button to highlight the AUTO PROGRAM control.
5. Press the CURSOR RIGHT button to start the AUTO PROGRAM scanning of channels.
6. Press the MENU button repeatedly to clear the menu from the screen, after AUTO STORE has finished.



HELPFUL HINT

- Immediately after unpacking and plugging in your new television, run the auto program function to set up the TV for the broadcast or cable channels available in your area. If you do not run the auto program function to set up the channels , your television may not operate properly.
- After you've run Auto Program, check out the results. Press the CURSOR DOWN or the CURSOR UP button and see which channels you can select.
- Remember, an antenna or cable TV signal must first be connected to your LCD TV.

Channel Edit control lets you edit the channel listing. You can add or remove a channel in the LCD TV's memory.

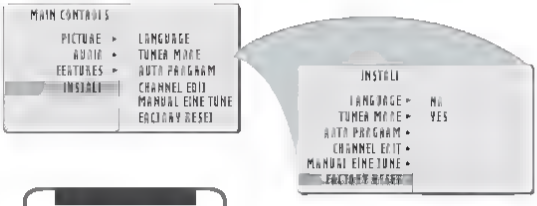


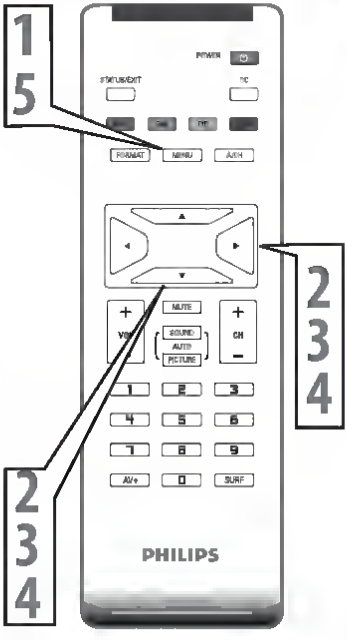
1. Press the Menu button to open the onscreen menu.
2. Press the CURSOR DOWN button to highlight the INSTALL menu, then press CURSOR RIGHT to enter.
3. Press the CURSOR DOWN button to enter the CHANNEL EDIT menu, then press CURSOR RIGHT to enter.
4. Press the CURSOR DOWN button to enter the CHANNEL EDIT menu.
5. In CHANNEL column, press CURSOR RIGHT or CURSOR LEFT to select the channel you wish to add or remove.
6. In SKIPPED column, press CURSOR RIGHT or CURSOR LEFT to select ACTIVE (to add) or SKIPPED (to delete) the channel you selected.
7. Press the MENU button repeatedly to clear the menu from the screen.

HELPFUL HINT

Repeat steps 5–6 to add or delete additional channels to or from the LCD TV's memory.

Your TV can be reset to the original factory settings by performing the following steps.





1 Press the MENU button on the remote control to see the onscreen menu.

2 Press the CURSOR DOWN button to highlight the INSTALL menu, then press CURSOR RIGHT to enter.

3 Press the CURSOR DOWN button repeatedly to highlight the FACTORY RESET control, then press CURSOR RIGHT to enter.

4 Press CURSOR DOWN to select "YES" to reset the original factory settings.

5 Press the MENU button repeatedly to clear the menu from the screen.

HELPFUL HINT

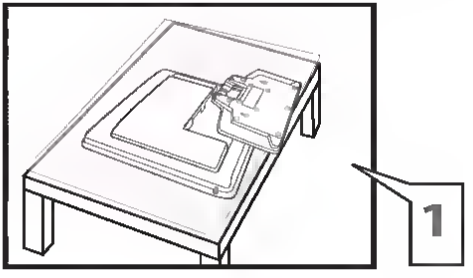
If you reset the TV to the factory settings, all your present setting on picture, audio, Close Caption and other feature settings will be erased and replaced by the manufacture's default settings. However, your AutoLock access code will not be erased. Please refer to page 19 for details.

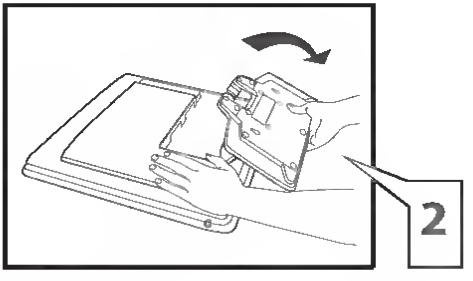
Before proceed to install your new LCD TV, please follow the steps and diagroms as shown to familiarize yourself with the correct and safe way of unfolding the base.

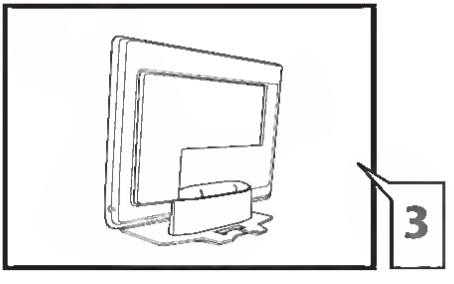
1 Place the set facing down on a flat surface and a protective sheet

2 Unfold the base following the direction as shown on the diagram.

3 Place the set upright, you LCD TV is now ready for install







HELPFUL HINT

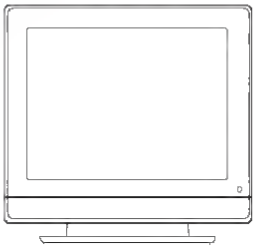
Expanding the base requires a degree of force, please use sufficient force to unfold the base.

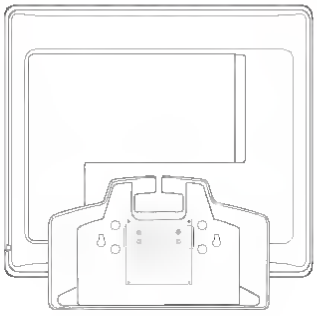
When unfolding the base, place the TV on a flat, sturdy surface before expanding the base.

Vesa Complied Mounting

The stand of your LCD TV complies with VESA standard, if you intend to install the LCD TV on the wall, please consult a professional technician for proper installing.

The manufacture accepts no liability for installations not performed by professional technician





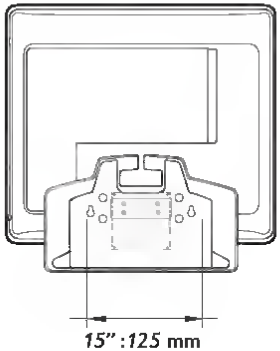
15" : 75X75 mm

20" : 100x100 mm

Easy wall mounting

Smart tips

1. Use the full scale template to mark on the wall the horizontal distance between the two mounting screws.
   Note
   -The surface for mounting area must be flat and larger then the pedestal
   -The wall must support a pull force of *10* kg for each screw.



15" :125 mm

20" :190 mm

WARNING !

* Read all instructions carefully before mounting!
* Correct assembly is essential. The maximum allowed wight of the LCD Display is 4.2 kg / 9.3 lbs (15"), 8.5 kg / 18.7 lbs (20"),
* The assembly materials (not supplied) are only suitable for attachment to solid wood, brick or concrete walls
* For wood walls: Drill each hole 3.6 mm in diameter and 20 mm in depth
* To avoid possible injury, do not mount it above a sofa or bed

The manufacturer accepts no liability for improper installations or installations not performed in accordance with these instructions.

TELEVISION AND REMOTE CONTROL

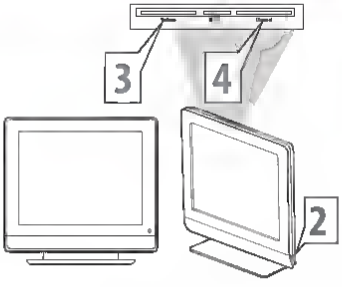
1 Plug the DC adapter into the DC IN 16V jack on the LCD TV. Plug the power cable into an outlet

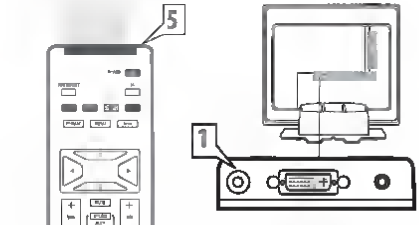
2 Press POWER to turn on the LCD TV.

3 Press VOLUME + to increase the sound level, or press VOLUME– to decrease the sound level.

4 Press CH+ or CH- to select channels.

5 Point the remote control toward on the front of the LCD TV to operate.



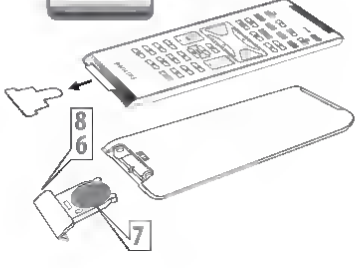


BATTERY INSTALLATION

6 Remove the battery compartment lid on the button of the remote control.

7 Place lithium cell in the remote control. Be sure the (+) and (-) ends of the batteries line up as marked inside the battery (CR2025) compartment.

8 Reattach the battery compartment lid.



Status/Exit Button-
Press to see the current channel number on the TV screen. Also press to clear the TV menu after control adjustments.

SAP button
Press to select a sound mode if available with the TV programming Mono, Stereo, or SAP.

Incredible Surround button-
Adds greater depth and dimension to TV sound.
Select from Incredible Surround or OFF.

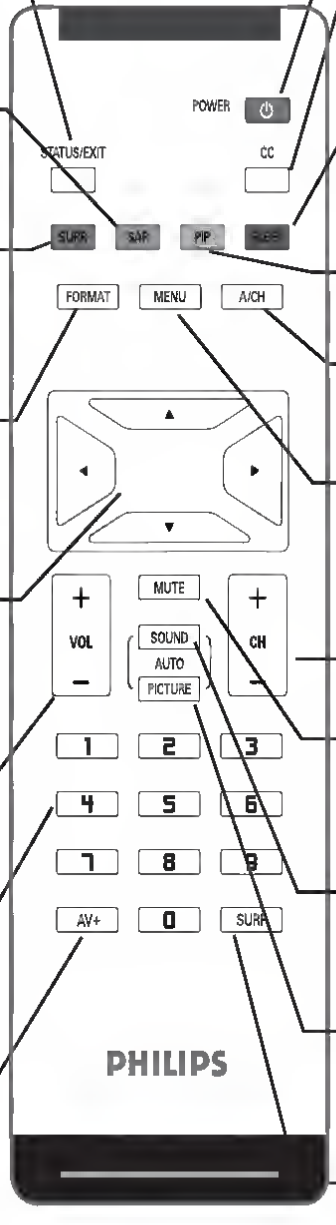
Picture Format button
Press the FORMAT button repeatedly to toggle among the three screen format sizes: 4:3, EXPAND 4:3, COMPRESS 16:9,

Cursor Buttons (Left, Right, Up, Down)-
Press these buttons to highlight, select, and adjust items on the TV's on screen menu.

Volume button
Press to increase or decrease the sound level.

Number buttons
Press the number buttons for direct access to the TV channels. For a 3-digit channel, enter the first digit followed the next 2 digits.

AV+ button
Press to select the video input source: PC, DVI, TV, AV, S-Video, HD.



Power button
Press to turn the LCD TV on or off.

CC button
Press the CC button to select CC on or CC off.

Sleep button
Press to set the LCD TV to turn itself off within a certain time.

PIP button
Press repeatedly to change the size of PIP window in PC mode.

A/CH Button
Press to go to previously selected channel.

Menu button
Press to activate onscreen menu, back to previous level inside the onscreen menu, or press to exit the onscreen menu.

Channel button
Press to adjust the channel up or down.

Mute button
Press to eliminate or restore the LCD TV sound. Mute will appear on the screen when the sound is muted.

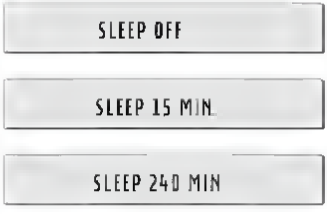
Auto Sound button
Press repeatedly to select among the 4 settings, Personal, Voice, Music, or Theatre.

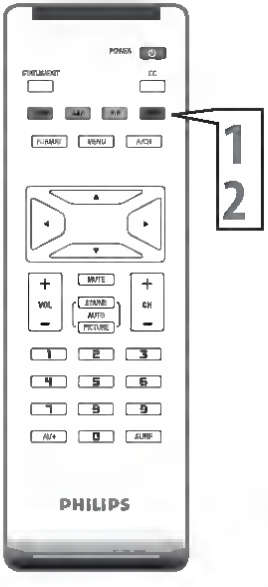
Auto Picture button
Press repeatedly to select either Personal, Rich, Natural, Soft, or Multimedia picture setting.

Surf Button
Press to select previously viewed channels. You can place up to 8 channels in memory. Then by pressing the SURF button you can quickly view the select channels.

1 Press the SLEEP button on the remote control to show the onscreen menu.

2 Press the SLEEP button repeatedly to select your requiring sleep timing





HELPFUL HINT

IMPORTANT
For the Timer to function, the set must not be turned off. Once the set is turned off, the Timer is disabled.

To adjust your LCD TV picture, select a channel and follow these steps.

1 Press the MENU button to see the onscreen menu.

2 When PICTURE menu is highlighted, press the CURSOR RIGHT button to enter the PICTURE menu.

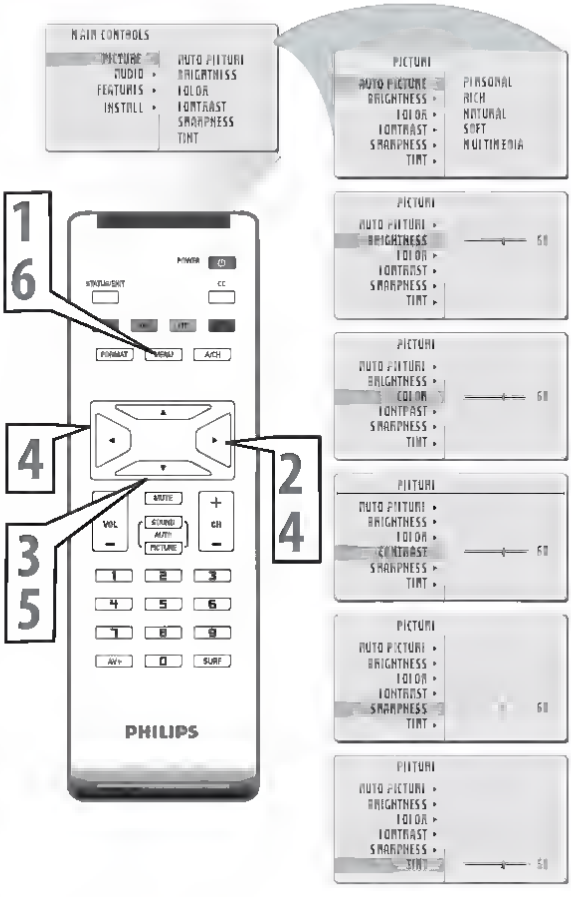
3 Press the CURSOR DOWN to choose the item you want to adjust. Auto Picture, Brightness, Color, Contrast, Sharpness or Tint.

Auto Picture: Please refer to page 18, for details on Auto Picture Settings.
Brightness: Adjust to brighten the dark parts of the picture. This appears to add white to the color.
Color: Adjust to add or reduce color.
Contrast: Adjust to "sharpen" the Picture quality. The black portions of the picture become richer in darkness and the white become brighter.
Sharpness: Adjust to improve detail.
Tint: Adjust to obtain natural skin tones.

4 Press the CURSOR RIGHT or CURSOR LEFT button to adjust the item.

5 Press the CURSOR DOWN button to select and adjust other picture controls.

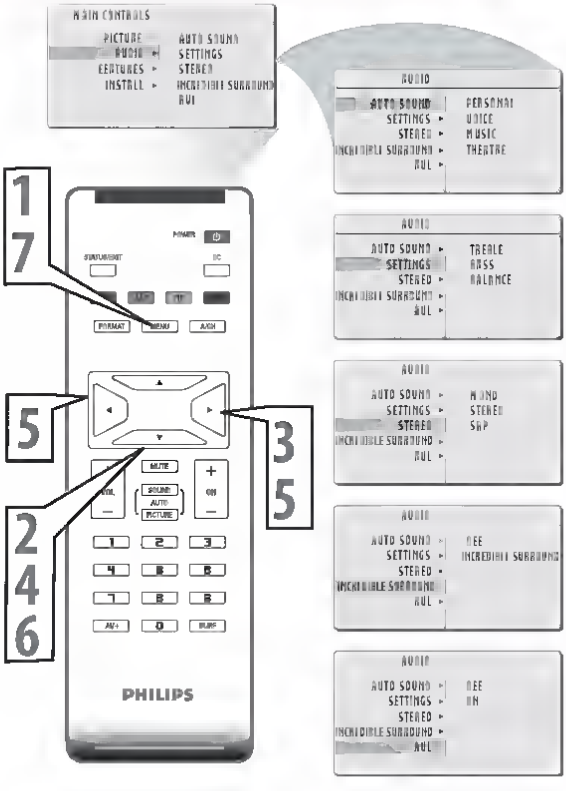
6 Press MENU repeatedly to remove the menu from the screen.



Helpful Hint

Any adjustment of Brightness, Color, Contrast or Sharpness will be stored into PERSONAL at Auto Picture section.

To adjust your LCD TV Sound, select a channel and follow these steps.



1 Press the MENU button to see the menu.

2 Press the CURSOR DOWN button to highlight the AUDIO menu.

3 Press the CURSOR RIGHT button to enter the AUDIO menu.

4 Press the CURSOR DOWN button to choose the item you want to adjust. Auto Sound, Settings, Stereo, Incredible Surround, AVL

Auto Sound: Please refer to page 18 for details on Auto Sound Settings.

Settings: Allows you to adjust Treble, Bass, and Balance of the sound.

Stereo: Adjust to select between Stereo, Mono, or SAP.

Incredible Surround: Adds greater depth and dimension to TV sound. Select from Incredible Surround or OFF.

AVL (Auto Volume Leveler): When On, AVL will level out the sound being heard when sudden changes in volume occur during commercial breaks or channel changes.

5 Press the CURSOR RIGHT or CURSOR LEFT button to adjust the item.

6 Press the CURSOR DOWN button to select and adjust other sound controls.

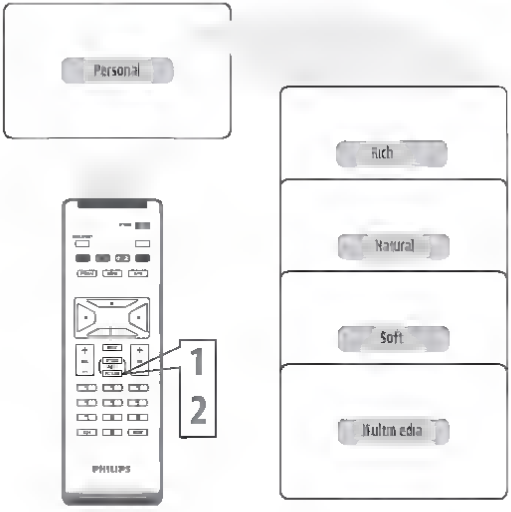
7 Press MENU repeatedly to remove the menu from the screen.

Helpful Hint

- Any adjustment of Treble and Bass will be stored into PERSONAL at Auto sound
- If Stereo is not presented on a selected show and the TV is placed in Stereo mode, the sound coming from TV will remain in Mono mode.

Auto Picture Control

Whether you're watching a movie or a video game, your LCD TV has video control preset that will match with your current program source or content. Auto Picture quickly resets your TV's video controls for a number of different types of programs and viewing conditions that you may have in your home. The Personal, Rich, Naturol, Soft, and Multimedio, Auto Picture controls have been preset at the factory to easily adjust the TV's brightness, color, picture, sharpness, tint, and color temperature levels. In the Personal auto picture mode you can creote your own preferred video settings.

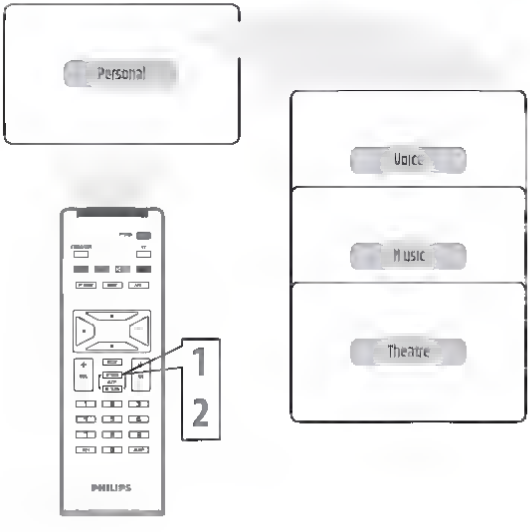


1. Press the AUTO PICTURE button on the remote control. The current Auto Picture setting will appear on the screen.
2. Press the AUTO PICTURE button repeatedly to select either Personal, Rich, Natural, Soft, or Multimedia

Note: The settings of the Personal auto picture mode can be adjusted in picture options within the onscreen menu. The Personal mode is the only mode which can be adjusted by the user via the onscreen picture control menu.

Auto Sound Control

Auto Sound ollows you to select from three user presets ond a personol mode that you set occarding to you own preferences through the onscreen Sound menu. The four user presets(Personol, Voice, Music, and Theatre) enoble you to tailor the TV sound so as to enhance the particular program you are wotching. Following these steps to select ony of the options.



1. Press the AUTO SOUND button on the remote control. The current Auto Sound setting will appears on the screen.
2. Press the AUTO SOUND button repeatedly to toggle among the four setting: Personal, Voice, Music, or Theatre

Note: The settings of the Personal auto sound mode can be adjusted in sound control within the onscreen menu. The Personal mode is the only mode which can be adjusted by the user via the onscreen sound control menu.

The AUTO Lack feature is an integratedcircuit that receives and pracesses data sent by braadcasters, ar ather pragram praviders, that cantain pragram cantent advisaries.When pragrammed by the viewer, a TV with AUTO Lack can respand ta the cantent advisaries and black pragram cantent that may be faund abjectianable (such as affensive language, violence, sexual situatians, etc.). This is a great feature ta censar the type af viewing children may watch.

AUTO Lock offers various BLOCKING controls from which to choose:

Access Code - An Access Code must be set to prevent children from unblocking questionable or censored programming set by their parents.

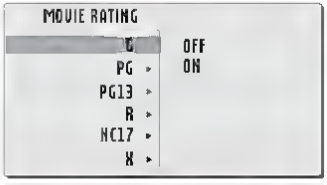
Block Enable - After an access code has been programmed, you can block programming depending on the received rating and user setting.

Movie Ratings - Certain blocking options exist which will block programming based on ratings patterned by the Motion Pictures Association of America.

TV Ratings - Just like the Movie Ratings, programs can be blocked from viewing using standard TV ratings set by TV broadcasters.

HELPFUL HINT

Remember that 0711 is the default AutoLock code. If your access code has been changed by someone other than you (a child, for example) or you have forgotten the code, you can always get in by inputting the default code.



MOVIE RATINGS

G: General Audience - All ages admitted.
Most parents would find this program suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialog or situations.

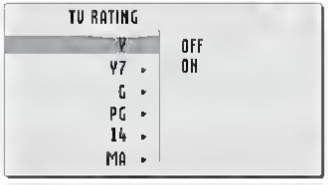
PG: Parental Guidance Suggested - This programming contains material that parents may find unsuitable for younger children. It may contain one or more of the following: moderate violence, some sexual situations, infrequent coarse language, or some suggestive dialog.

PG-13: Parents Strongly Cautioned -
This programming contains material that parents may find unsuitable for children under the age of 13. It contains one or more of the following: violence, sexual situations, coarse language, or suggestive dialog.

R: Restricted -This programming is specifically designed for adults. Anyone under the age of 17 should only view this programming with an accompanying parent or adult guardian. It contains one or more of the following: intense violence, intense sexual situations, strong coarse language, or intensely suggestive dialog.

NC-17: No children under the age of 17 will be admitted - This type of programming should be viewed by adults only. It contains graphic violence, explicit sex, or crude, indecent language.

X: Adults Only - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, and very coarse and intensely suggestive language.



TV RATINGS

TV-Y All children - Appropriate for all children. Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV-Y7 Directed to Older Children - Designed for children age 7 and above. It may be more appropriate for children who can distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV or fantasy violence).

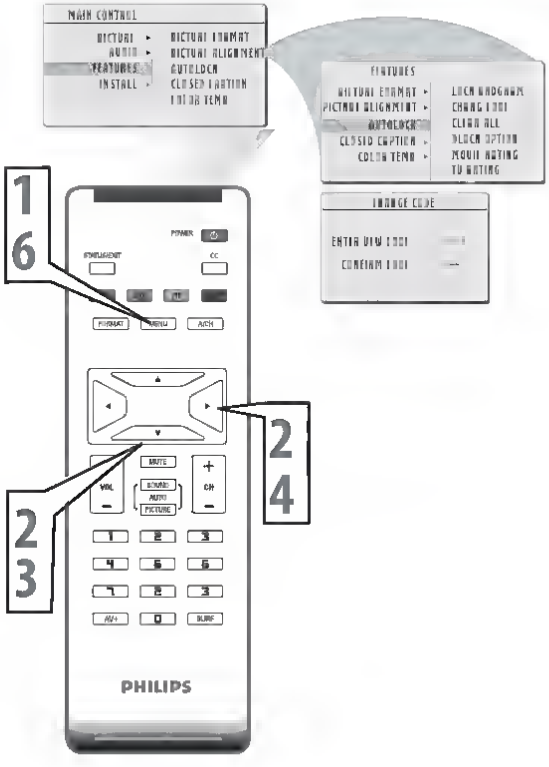
TV-G General Audience - Most parents would find this programming suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialog or situations.

TV-PG Parental Guidance Suggested -
Contains material that parents may find unsuitable for younger children. This type of programming contains one or more of the following: Moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialog (D).

TV-14 Parents Strongly Cautioned - Contains some material that many parents would find unsuitable for children under age 14. This type of programming contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialog (D).

TV-MA Mature Audience Only - Specifically designed to be viewed by adults and may be unsuitable for children under 17. This type of programming contains one or more of the following: graphic violence (V), explicit sexual situations (S), or crude, indecent language (L).

Over the next few pages you'll learn how to block programs and understand the rating terms for certain broadcasts. First, set an access code.



1 Press the MENU button to see the onscreen menu

2 Press the CURSOR DOWN button to highlight the FEATURES menu, then press CURSOR RIGHT to enter

3 Press the CURSOR DOWN button to select AUTO LOCK.

4 Press the CURSOR RIGHT button CHANGE CODE will appear on the screen.

5 Enter a four-digit code using the Number buttons. The screen will prompt you to confirm the code you just entered. Enter your same new code again

6 Press MENU repeatedly to remove the menu from the screen.

HELPFUL HINT

Remember that 0711 is the default AutoLock code. If your access code has been changed by someone other than you (a child, for example) or you have forgotten the code, you can always get in by inputting the default code

NOTE TO PARENTS:
It is not possible for your child to unblock a channel without knowing your access code or changing it to a new one. If your code has been changed without your knowledge, then you will become aware that blocked channels may have been viewed.

After your personal access code has been set (see the previous page), you are ready to select the channels or inputs you want to block out or censor.

1 Press the MENU button to see the onscreen menu

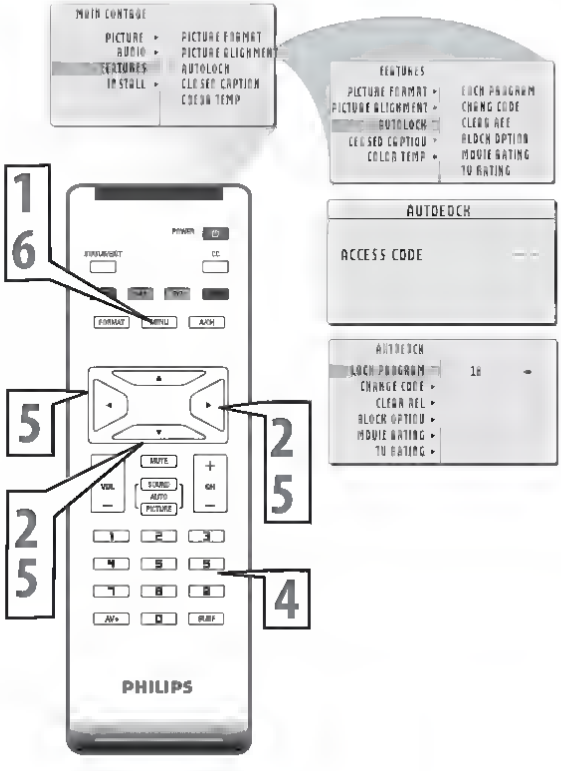
2 Press the CURSOR DOWN button to highlight the FEATURES menu, then press CURSOR RIGHT to enter.

3 Press the CURSOR DOWN button to select AUTO LOCK, then press the CURSOR RIGHT to enter

4 Use the Number buttons to enter your access code

5 Press the CURSOR RIGHT/LEFT button to block current selected channel or CURSOR RIGHT/LEFT button to unblock a channel

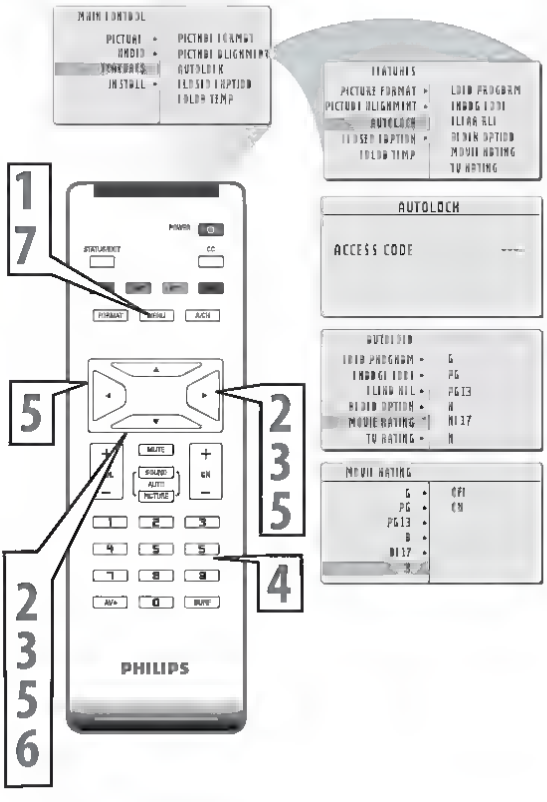
6 Press MENU repeatedly to remove the menu from the screen



Note: You can block additional channels by using Number buttons to jump to another channel.

The AUTO Lack feature can black progromming based an the Mavie Industry ratings.

Once yau've entered yaur access cade and the AUTO Lack features are displayed an the screen:

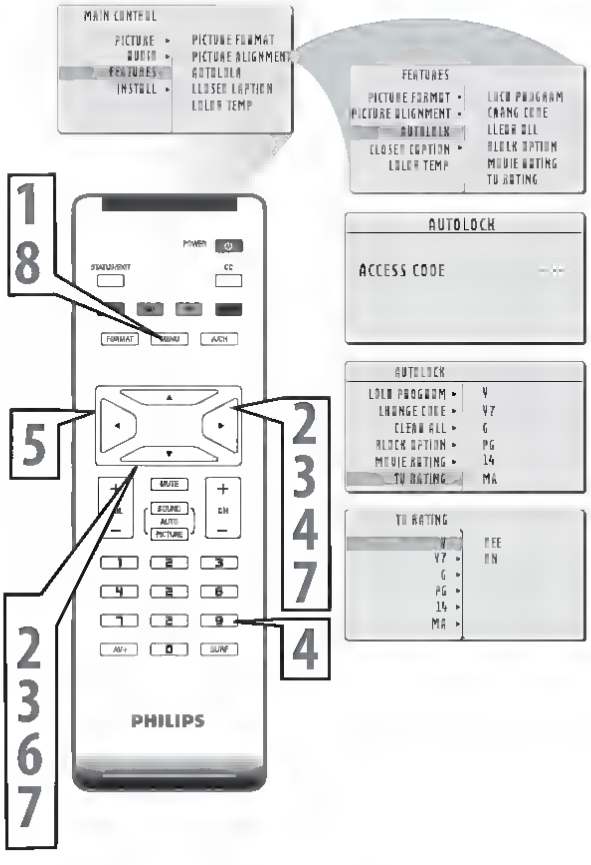


1. Press the MENU button to see the onscreen menu
2. Press the CURSOR DOWN button to highlight the FEATURES menu, then press the CURSOR RIGHT to enter
3. Press the CURSOR DOWN button to select AUTO LOCK, then press CRUSOR RIGHT to enter. ACCESS CODE will appear on the screen
4. Please use the Number buttons to enter your 4 digits access code
5. Press the CURSOR DOWN button to select MOVIE RATING, then press CURSOR RIGHT to enter
6. Press the CURSOR DOWN button to highlight any of the Movie Rating options. When highlighted, all these options can be (ON) blocked or (OFF) unblocked
7. Press MENU repeatedly to remove the menu from the screen

HELPFUL HINT

When a rating is chosen to be blocked, any higher level rating will also be blocked from viewing (i.e.: If "R" is selected to be blocked, NC-17 and X will automatically be blocked.)
When a rating is set to unblock, only the selected rating will be unblocked (Ratings lower will not automatically be unblocked.)

The AUTO Lock feature can block programming based on the TV Industry ratings. Once you've entered your access code and the AUTO Lock features are displayed on the screen:

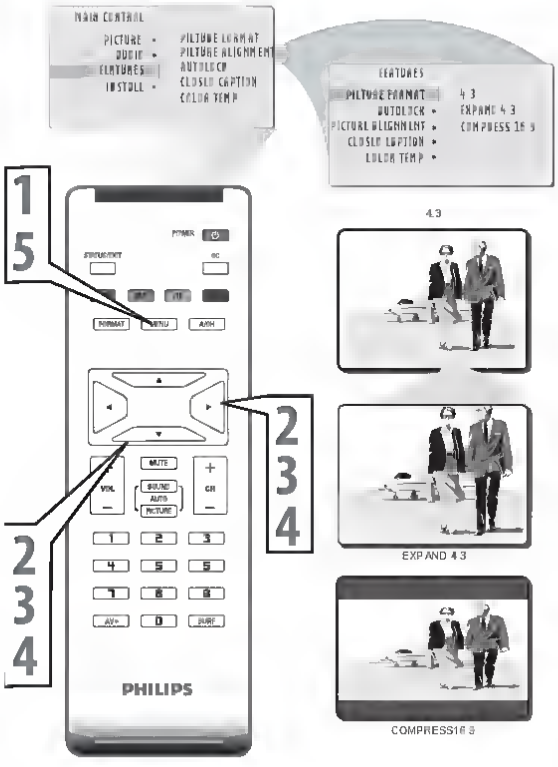


1. Press the MENU button to see the onscreen menu
2. Press the CURSOR DOWN button to highlight the FEATURES menu, then press CURSOR RIGHT to enter.
3. Press the CURSOR DOWN button to highlight AUTO LOCK, then press CURSOR RIGHT to enter. ACCESS CODE will appear on the screen.
4. Press the CURSOR RIGHT button, INPUT USER CODE will appear on the screen
5. Use the Number buttons to enter your 4 digits access code
6. Press the CURSOR DOWN button to select TV RATING.
7. Press the CURSOR RIGHT or CURSOR DOWN button to highlight any of the TV Rating options. When highlighted, all these options can be (ON) blocked or (OFF) unblocked.
8. Press MENU repeatedly to remove the menu from the screen

HELPFUL HINT

When a rating is chosen to be blocked, any higher level rating will also be blocked from viewing (i.e. If "R" is selected to be blocked, NC-17 and X will automatically be blocked.)
When a rating is set to unblock, only the selected rating will be unblocked (Ratings lower will not automatically be unblocked.)

You can change the picture format size to match the type of program you are watching. Select the normal 4:3, EXPAND 4:3, or COMPRESS 16:9, or aspect ratios.



1 Press the MENU button to see the onscreen menu

2 Press the CURSOR DOWN button to highlight the FEATURES menu, then press CURSOR RIGHT to enter

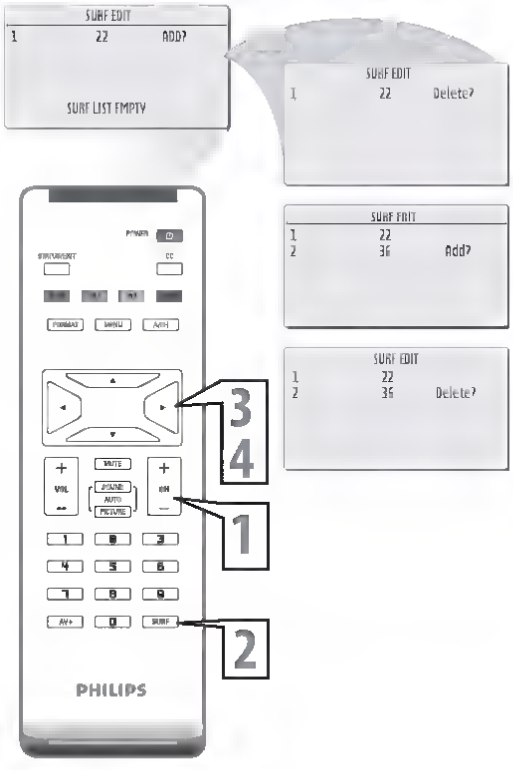
3 Press the CURSOR DOWN button to highlight the PICTURE FORMAT menu, then press CURSOR RIGHT to enter

4 Press the CURSOR DOWN button to select the PICTURE FORMAT, then press CURSOR RIGHT to confirm your choice.

Note: Press the FORMAT button repeatedly to toggle among the three screen format sizes, 4:3, EXPAND 4:3, or COMPRESS 16:9.

5 Press MENU repeatedly to remove the menu from the screen

A list or series of previously viewed chonnels con be selected with the SURF button on your remote control. With this feoture, you con eosily switch between different TV chonnels thot currently interest you. The SURF control ollows you to set up to 8 chonnels in its quick viewing list.



1 Press the CH+ or CH- button (or the numbered buttons) to select a channel to add to the SURF list.

2 Press the SURF button on the remote control. The onscreen display may read, SURF LIST EMPTY. The number of the current channel will be shown with ADD ? to the right.

3 While the SURF list message or the SURF channel list appears on the screen, press the CURSOR RIGHT button to add the present channel to the SURF list.

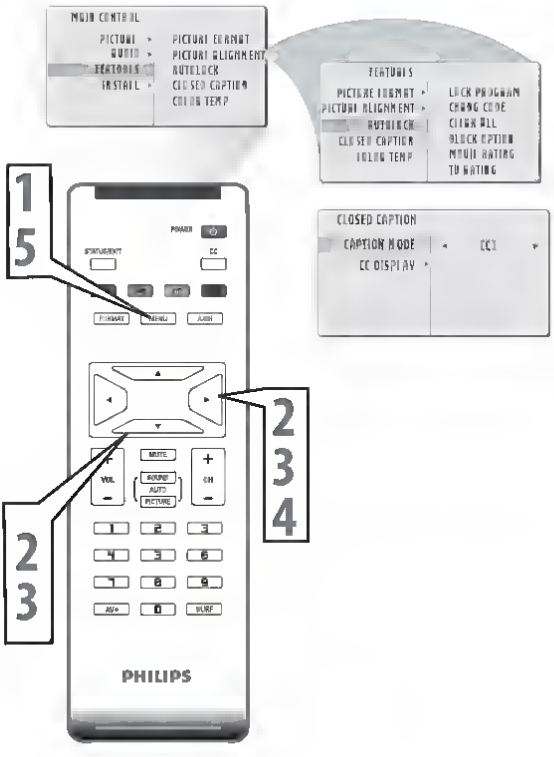
4 If you want to delete the present channel from the SURF list, press the CURSOR RIGHT button again.

Repeat steps 1 throught 3 to add more channels (up to 8) to the SURF list.

HELPFUL HINT

Along with regularly programmed channels, the external video source connections can be added to the SURF list. This means that the external A/V Jacks and their channels can be added to your SURF list. Use the AV+ button to tune their channel and use the same steps described on this page to add those channels to the Surf list.

Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses onscreen "text boxes" to show dialogue and conversations while the TV program is in progress.



1. Press the MENU button to see the onscreen menu.
2. Press the CURSOR DOWN button to highlight the FEATURES menu, then press CURSOR RIGHT to enter.
3. Press the CURSOR DOWN button to select CLOSE CAPTION, then press CURSOR RIGHT to enter.
4. Press the CURSOR RIGHT button to select the closed caption you want: CC MUTE, CC1, CC2, CC3, CC4, Txt1, Txt2, Txt3 or Txt4.
5. Press MENU repeatedly to remove the menu from the screen.

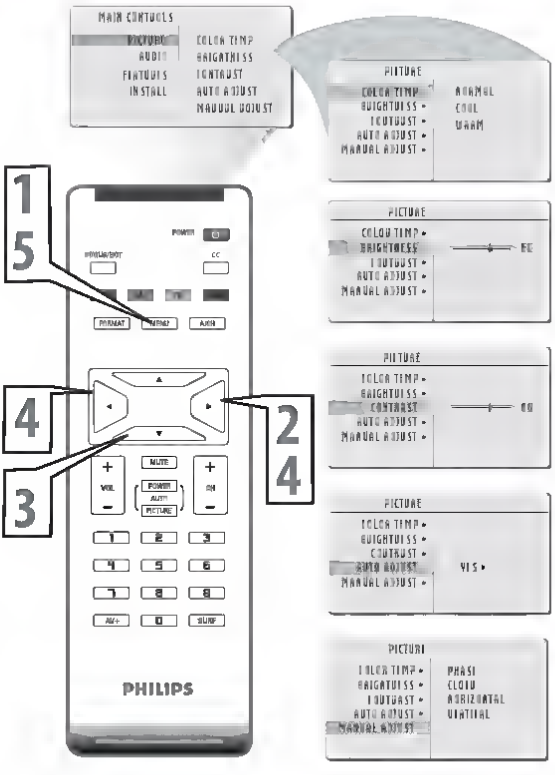
Note: Closed Caption can also be activated by pressing CC button on your remote control.

HELPFUL HINT

Not all TV programs and product commercials are broadcast with Closed Captioning (CC). Nor are all Closed Captioning MODES (CAPTION 1–4 or TEXT 1–4) necessarily being used by broadcast stations during the transmission of a program offering Closed Captioning. Refer to your area's TV program listings for the stations and times of shows being broadcast with Closed Captioning.

This TV can also be used as a PC Monitor. A PC video signal must be present or the TV will go into standby mode. The PC Picture controls allow you to adjust the picture.

Note: Make sure you are in PC mode.



1 Press the MENU button on the remote control to see the onscreen menu.

2 When the PICTURE menu is highlighted, Press the CURSOR RIGHT button to enter the PICTURE menu.

3 Press the CURSOR DOWN button to highlight the item that you would like to adjust.

- **Color Temp**: Adjust the color temperature of the picture. Select from Normal, Cool, or Warm.
- **Brightness**: Adjust to brighten the darkest parts of the picture.
- **Contrast**: Adjust to "sharpen" the Picture quality. The black portions of the picture become richer in darkness and the white become brighter.
- **Auto Adjust**: The LCD Monitor will automatically adjust to the best image position, phase, and clock setting.
- **Manual Adjust**: The Manual Adjust control allow you to manually fine tune the image as it appears on the screen.
- **Phase**-eliminates the horizontal interfering lines.
- **Clock**-eliminates the vertical interfering lines.
- **Horizontal**-adjust the horizontal placement of the picture.
- **Vertical**-adjust the vertical placement of the picture.

4 Press the CURSOR RIGHT/LEFT button to adjust the item.

5 Press MENU repeatedly to remove the menu from the screen.

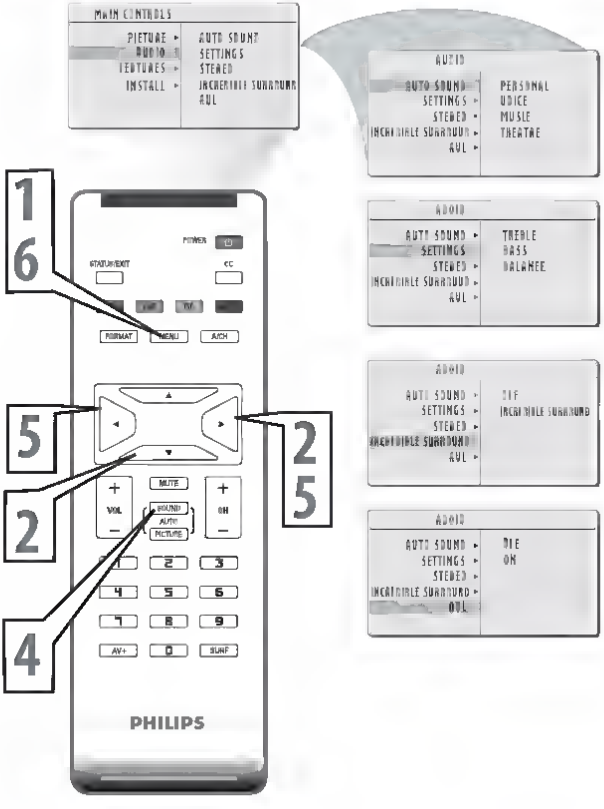
Helpful Hint

1. To adjust other items repeat steps 3 and 4.
2. Color Temp can also be activated by pressing Auto Picture button on your Remote Control.

If you are wanting to reset adjustment back to original value, please enter to Factory Reset in Install menu.

This TV can also be used as a PC Monitor. A PC video signal must be present or the TV will go into standby mode. The AUDIO controls allow you to adjust the sound.

Note: Make sure you are in PC mode



1 Press the MENU button on the remote control to show the onscreen menu

2 Press the CURSOR DOWN button to highlight the AUDIO menu, then press CURSOR RIGHT to enter.

3 Press the CURSOR DOWN button to highlight the item that you would like to adjust.

4 **Auto Sound**: Allows you to select from 3 factory-set controls and a personal control. The 4 factory-set controls (Personal, Voice, Music, Theatre) enhance the particular program you are watching.

Settings: Allows you to adjust Treble, Bass, and Balance of the Sound.
Stereo: To select from Stereo, Mono, and SAP. (Only function in TV mode)
Incredible Sound: Adds greater depth and dimension to PC sound.
AVL (Auto Volume Leveler)- When ON, AVL will level out the sound being heard when sudden changes in volume occur during commercial breaks or channel changes.

5 Press CURSOR RIGHT to enter the item you would like to adjust.
Press the CURSOR RIGHT or CURSOR LEFT button to adjust.

6 Press MENU repeatedly to remove the menu from the screen

HELPFUL HINT

To adjust other items repeat steps 4 and 5

PIP (Picture-in-Picture) feature allows you to call up a subscreen when you are using your TV as a monitor.

Note: Make sure you are in PC mode

1 Press the MENU button to see the onscreen menu

2 Press CURSOR DOWN button to highlight the FEATURES menu

3 Press the CURSOR RIGHT button to enter the FEATURES menu

4 Press the CURSOR RIGHT button to enter the PIP menu.

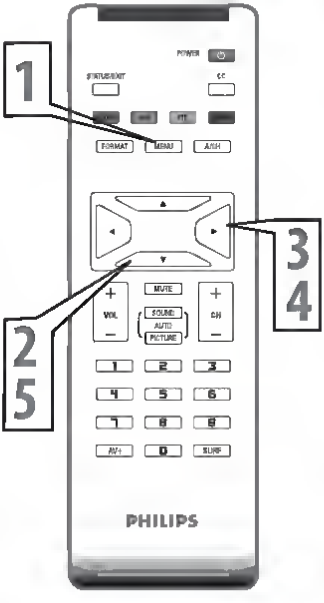
5 Press the CURSOR DOWN buttons to highlight the item that you would like to adjust.

SIZE: Turn off and set the size of PIP. You can choose your preferred size of small, large, or PBP (Picture Beside Picture)

Video: Select video source of PIP from TV, AV, S-Video or Component.

Audio: Select audio source of PIP or PC.

Display: Select which corner of the position of PIP.



HELPFUL HINT

PIP windows with component video source can only support up to 480i /576i (SD) video signal.

15PF5120 (15" LCD TV)

No	Resolution	Mode	V. Frequency (Hz)	H. Frequency (kHz)
1	640 x 480	VGA VESA 60	59.940	31.469
2	800 x 600	SVGA VESA 56	56.250	35.156
3		SVGA VESA 60	60.317	37.897
4	1024 x 768	XGA VESA 60	60.004	48.363

20PF5120 (20" LCD TV)

No	Resolution	Mode	V. Frequency (Hz)	H. Frequency (kHz)
1	640 x 480	VGA VESA 60	59.940	31.469
2	800 x 600	SVGA VESA 56	56.250	35.156
3		SVGA VESA 60	60.317	37.897

No Power

- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the **POWER** button again.
- Check that the outlet is not on a wall switch.
- Be sure the fuse is not blown on the AC power strip, if one is being used.

No Picture

- Check antenna/cable connections. Are they properly secured to the TV's ANT75Ω plug?
- Check the **TUNER MODE** control for the correct tuner setting.
- Try running the Auto Program feature to find all available channels.
- Press the **AV** button on the remote to make sure the correct signal source is selected.
- If using an accessory device, be sure that it is functioning properly.
- If in PC Mode, a video signal **MUST BE** present or the TV will turn off.

No Sound

- Check the **VOLUME** buttons.
- Check the **MUTE** button on the remote control.
- If you're attempting to hook up auxiliary equipment, check the audio jack connections.

No AV Signal

- Check whether AV and S-Video sockets connected simultaneously. If they are, disconnect the S-Video socket. AV signal automatically overrides the S-Video signal if both sockets are connected simultaneously.

S-VHS Color Becomes Faint

- Unplug socket for S-Video connection. Reconnect the S-Video socket of the TV carefully to the VCR socket.

TV Only Produces MONO Sound

- If using a cable box with RF only type connections, the signal coming from the cable box will be produced in **MONO** only.
- Check Sound control setting. Change setting to Stereo.

Remote Does Not Work

- Check the batteries. Place lithium cell in the remote. Be sure the (+) and (-) ends of the batteries line up as marked inside the battery compartment.
- Clean the remote control and the remote control sensor window on the TV.
- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the **POWER** button again.
- Be sure the fuse is not blown on the AC power strip, if one is being used.
- Check to be sure the TV outlet is not on a wall switch.
- Be sure that the remote is in the correct operating mode.
- Be sure the remote is pointed at the Remote Sensor Window on the TV. See page 3 of the Quick Use Guide for details.

TV Displays Wrong Channel or No Channels Above 13

- Repeat channel selection.
- Add the desired channel numbers (using the **CHANNEL EDIT** control) into the TV's memory.
- Check to be sure the **TUNER MODES** are set to the **CABLE** option and run the Auto Program feature to find all available channels.

WARNING concerning stationary images on the TV
Screen: Do not leave fixed images on the screen for extended periods of time. This can cause uneven aging of the LCD panel. Normal use of the TV should involve viewing of programs that have constantly moving or changing images. Do not leave still images on screen for extended periods of time. Do not display the same images too frequently; if you do, subtle "ghost" images can be left on the LCD screen. Sources of stationary images may be Laser discs, video games, Compact Discs Interactive (CD-i), or paused Digital Video Discs (DVDs) or video tapes.

Here are some common examples of stationary images:
- DVD menus list DVD content.
- Letterbox black bars appear at the top and bottom of the TV screen when a wide screen (16:9) movie is viewed on a TV with standard (4:3) aspect ratio. This is available with some DVDs.
- Video game images and scoreboards
- Television station logos cause a problem if they are bright and stationary. Moving or low-contrast graphics are less likely to damage the picture tube.
- Stock market tickers may appear at the bottom of the TV screen if the TV programming covers this news.
- Shopping channel logos, pricing displays may be bright and may appear constantly during the show. These are usually in the same location on the TV screen.

TV Location
- To avoid cabinet warping, cabinet color changes, and an increased chance of TV failure, do not place the TV where temperatures can become excessively hot (for example, in direct sunlight or near a heating appliance).
- Allow a free flow of air around the TV.

Cleaning
- To avoid possible shock hazard, remove the TV's power cord from the electrical outlet before cleaning.
- Regularly dust the TV with a dry, non-scratching duster.
- When cleaning the TV, take care not to scratch or damage the screen surface. Avoid wearing jewelry or using anything abrasive. Do not use household cleaners. Wipe the screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Occasionally vacuum the vents on the rear of the TV.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet. They may blemish the cabinet permanently.

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FEDERAL COMMUNICATIONS COMMISSION (FCC) NOTICE (U.S. ONLY)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Use only RF shielded cable with ferrite core when connecting this monitor to a computer device.

One (1) Year Labor & One(1) Year Parts & One (1) Year Display Repair

PHILIPS warrants this product against defect in material or workmanship, subject to any conditions set forth as follows:

PROOF OF PURCHASE: You must have proof of the date of purchase to receive repair on the product. A sales receipt or other document showing the product and the date that you purchased the product as well as the authorized retailer included, is considered such proof.

COVERAGE:
(If this product is determined to be defective)
LABOR: For a period of one (1) year from the date of purchase, Philips will repair or replace the product, at its option, at no charge, or pay the labor charges to any Philips authorized service center. After the period of one (1) year, Philips will no longer be responsible for charges incurred.

PARTS: For a period of one (1) year from the date of purchase, Philips will supply, at no charge, new or rebuilt replacement parts in exchange for defective parts. Philips authorized service centers will provide removal and installation of the parts for one (1) year.

DISPLAY: For a period of one (1) year from the date of purchase, Philips will supply, at no charge, a new or rebuilt active display device in exchange for the defective display. Philips authorized service centers will provide removal and installation of the parts under the specified labor warranty.

EXCLUDED FROM WARRANTY COVERAGE
Your warranty does not cover:
•Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
•Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Philips.
•A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
•Damage occurring to product during shipping when improperly packaged or costs associated with packaging.
•Product lost in shipment and no signature verification of receipt can be provided.
•A product used for commercial or institutional purposes(including but not limited to rental purposes).
•Products sold AS IS or RENEWED.

TO OBTAIN WARRANTY SERVICE IN THE U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...
Contact Philips Customer Care Center at:
1-888-PHILIPS (1-888-744-5477)

TO OBTAIN WARRANTY SERVICE IN CANADA...
1-800-661-6162 (French Speaking)
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REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER. PHILIPS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusions or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract agreement with the PHILIPS partnership within ninety (90) days of the date of sale, the limitation on how long an implied warranty lasts does not apply.

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

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